## **Portland's Stormwater Marketplace**Animating Market Forces for Sustainable Stormwater Management













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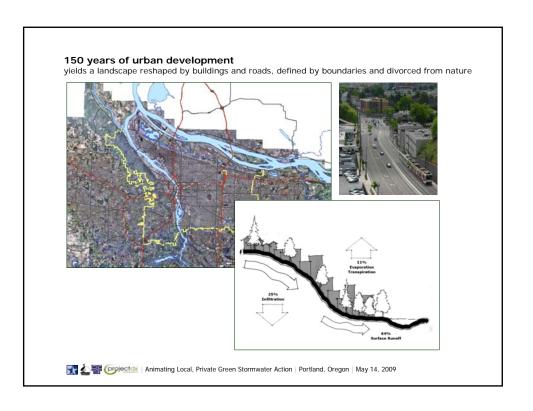


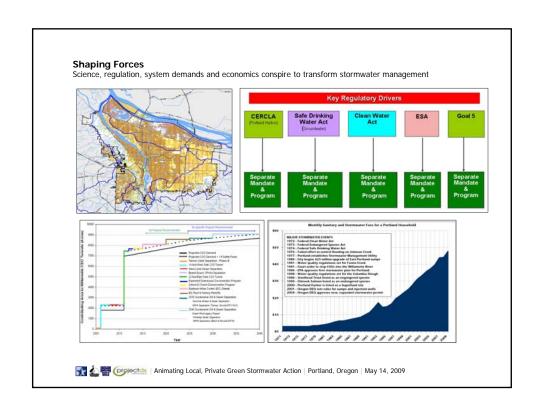
 $5^{th}$  National Conference for Nonpoint Source and Stormwater Outreach  $\mid$  Portland, Oregon  $\mid$  May 14, 2009

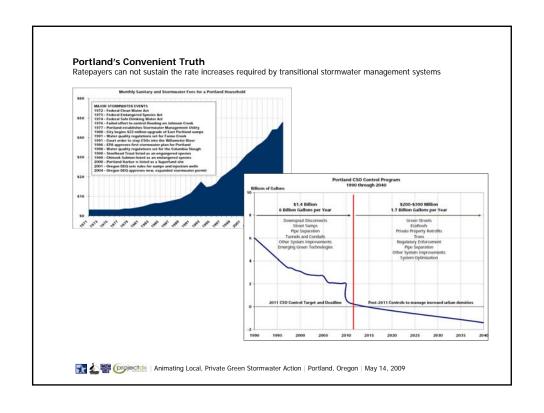
## 150 years ago a landscape, shaped by fire and ice, verdant and teaming with wildlife, balanced and sustainable

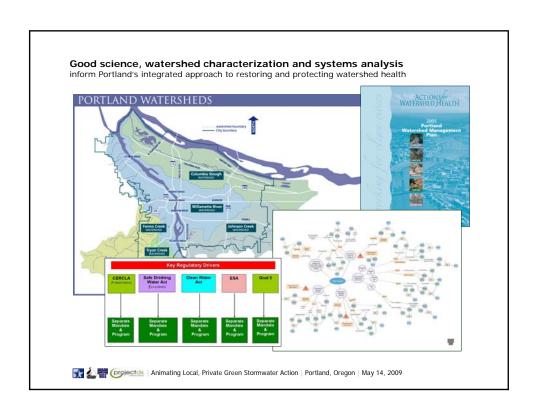
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**Let nature be our guide** sustainable management integrates natural functions into the developed landscape

1. Manage runoff as close as possible to its source.



Mimic natural hydrologic functions.



Integrate runoff into the built environment.

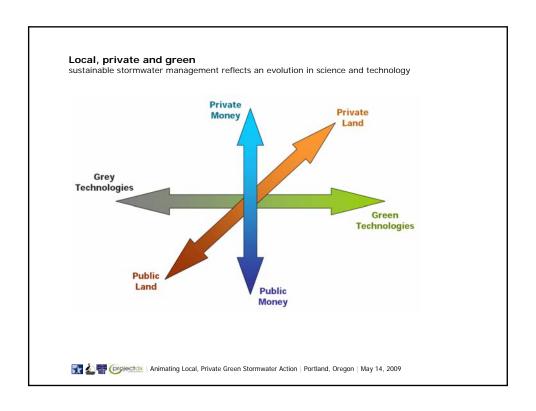


4. <u>Design</u> for multiple and sustainable benefits.

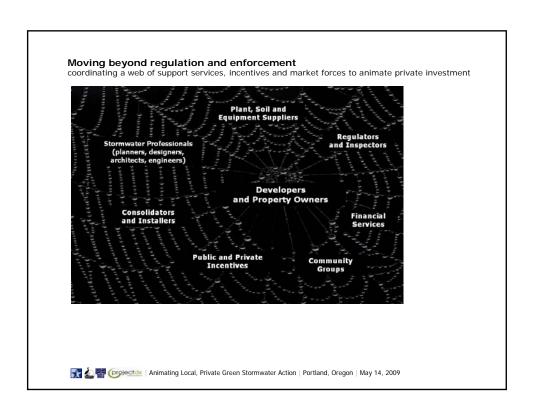


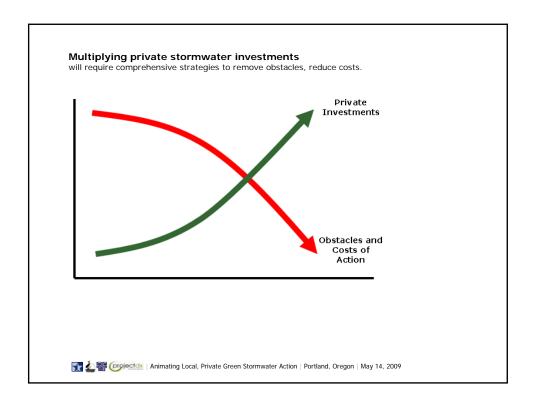
Act early to avoid costly mitigation and restoration.

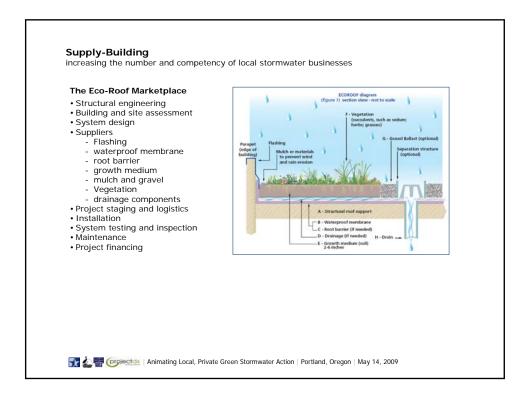


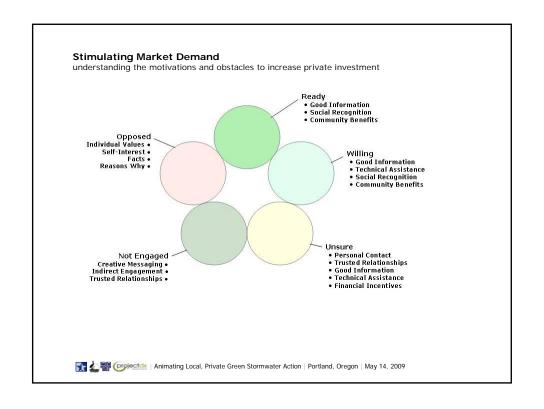


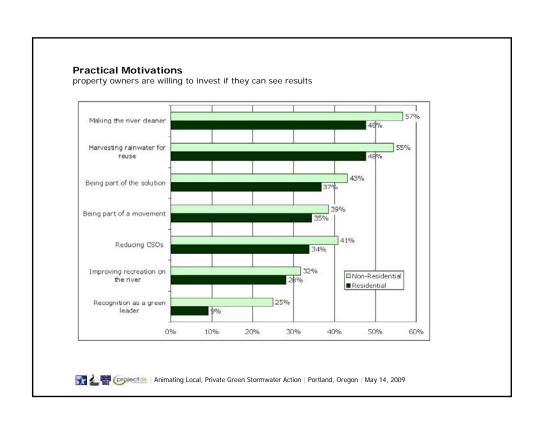
# Cornerstones of sustainable stormwater management effectively align leadership, communications, technologies and markets to promote private action Invested Leaders Integrated Markets Integrated Markets Animating Local, Private Green Stormwater Action | Portland, Oregon | May 14, 2009

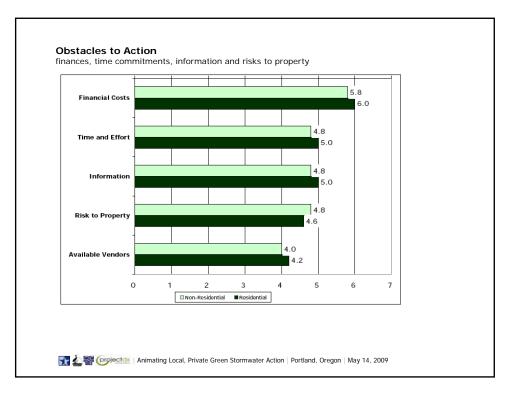












### **Money Matters**

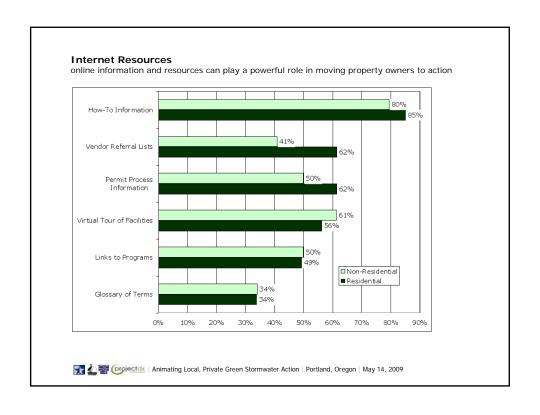
property owners are willing to invest if the city is a partner

- 62% of property owners are willing to invest in stormwater management when made aware of city utility investments in public facilities and efforts to avoid future utility costs to protect the river.
- Residential Property Owners are willing to pay...

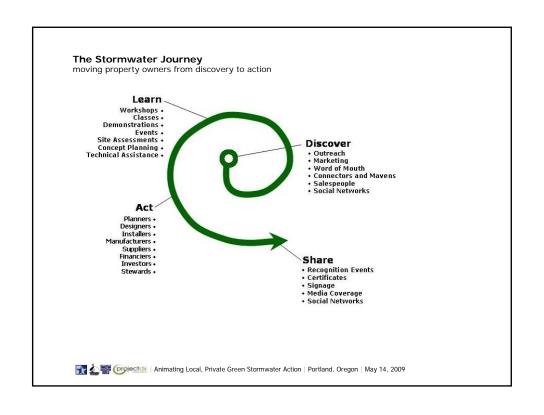
  - 26% of a facility costing \$75020% of a facility costing \$1,00010% of a facility costing \$3,000
- 9 out of 10 residents will invest \$100 or more.
   A third are willing to spend \$500 or more
   28% are willing to pay twice as much for a facility that is 5 times more expensive
- Commercial Property Owners are willing to pay... 24% of a facility costing \$3,000

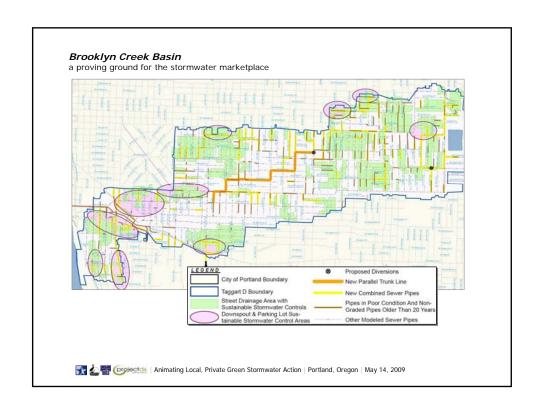
  - 17% of a facility costing \$5,000 9% of a facility costing \$10,000
- 30% of commercial property owners will pay twice as much for a facility that is 5 times more expensive











### **Next Steps**

animating the stormwater marketplace



Understand consumer motivations and obstacles to action private stormwater investments



Expand the local economy of stormwater product suppliers and service providers



Use information technologies and social marketing to link property owners to information, incentives and resources.



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### **Partners**

The Portland Stormwater Marketplace Project is indebted to the pioneering work of these firms. Their assistance and support, insights and observations, and creativity was invaluable to the project.



David Evans and Associates Project Design and Management, Principal Investigation



CH2M-Hill Engineering and Modeling



Hansa/GCR Market Research Design, Execution and Analysis



ECONorthwest Economic and Market Analysis and Modeling



Transformative Sustainable Solutions Inc Interactive Internet Site Design and Development



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